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**From:** Juhascik, Matthew (POL)  
**Sent:** Wednesday, February 27, 2013 3:01 PM  
**To:** Dunlap, Kimberly (POL); Wilson, Andrea (POL); brown, jessica (POL); Yelle, Lisa (POL); Daner, Rebecca (POL); Clark, Sarah (POL); Woods, Timothy (POL); Kaliszewski, Justin (POL); LaBelle, Keri; Mowatt, Heather (POL); Fox, Brittany (POL); Joseph, James (POL); Hanchett, James (DPH); Salem, Sharon (DPH); Pontes, Rebecca (DPH); Rimkus, Claire (POL); Brooks, Nancy (POL)  
**Subject:** RE: Emerging Designer Drug Threats - Identify Isomers by Solid-Phase GC-IR

You can set it up on the projector outside my office if you are interested

Matt

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**From:** Dunlap, Kimberly (POL)  
**Sent:** Wednesday, February 27, 2013 12:37 PM  
**To:** Wilson, Andrea (POL); brown, jessica (POL); Yelle, Lisa (POL); Daner, Rebecca (POL); Clark, Sarah (POL); Woods, Timothy (POL); Kaliszewski, Justin (POL); LaBelle, Keri; Mowatt, Heather (POL); Fox, Brittany (POL); Joseph, James (POL); Hanchett, James (DPH); Salem, Sharon (DPH); Pontes, Rebecca (DPH); Rimkus, Claire (POL); Juhascik, Matthew (POL); Brooks, Nancy (POL)  
**Subject:** FW: Emerging Designer Drug Threats - Identify Isomers by Solid-Phase GC-IR

Good afternoon everyone!

Spectra is holding a webinar in March for the analysis of designer drugs. Sounds pretty interesting and thought I would pass it along if anyone would like to sign up.

Kim

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**From:** Nancy Langley [<mailto:langley@spectra-analysis.com>]  
**Sent:** Wednesday, February 27, 2013 11:25 AM  
**To:** Nancy Langley  
**Subject:** Emerging Designer Drug Threats - Identify Isomers by Solid-Phase GC-IR



W • E • B • I • N • A • R

## **Emerging Designer Drug Threats: Synthetic Cannabinoids, Cathinones and Phenethylamines**

### **Identify Controlled Substances Isomers by SOLID PHASE GC-IR TECHNOLOGY**

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Tuesday, March 12, 2013 from 1 pm – 2 pm EST (GMT -5 hours)

Register for FREE at: <https://www2.gotomeeting.com/register/639648346>

#### **EVENT OVERVIEW**

Accredited controlled substances analysis labs follow the recommendations outlined by the *Scientific Working Group for the Analysis of Seized Drugs* (see [www.swgdrug.org](http://www.swgdrug.org)). For conclusive qualitative analysis, SWGDRUG requires:

- (1) a minimum of two analytical techniques to form an acceptable analytical scheme, and
- (2) the analytical scheme must yield conclusive results (precluding false positives).

The hyphenation of solid phase Infrared Spectroscopy and Gas Chromatography using a cryogenically cooled direct deposition system meets both requirements and enables the differentiation of positional and stereoisomers.

This webinar will provide examples of the use of Solid Phase GC-IR technology in a forensic environment with phenethylamines, bath salts and cannabinoids mixtures analysis.

#### **KEY LEARNING OBJECTIVES**

- Understand the basic capabilities of Infrared Spectroscopy hyphenated technology
- Identification of closely-related controlled substances structures, such as stereoisomers and/or positional isomers

#### **WHO SHOULD ATTEND**

- Forensic Chemists
- Technology Directors
- Forensic Lab Directors
- Lab Managers

#### **PRESENTER**

**Tom Kearney, Vice President of Sales  
Spectra Analysis Instruments, Inc.**

M.B.A. - Babson College Graduate School of Business  
M.S. Organic Chemistry - University of Vermont

B.S. Chemistry - Worcester Polytechnic Institute  
Past: Millipore/Waters, Applied Biosystems, Inc.

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